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| 09/609,020      | 06/30/2000  | Barry Paul Pershan   | Bell-28             | 2130             |

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EXAMINER

NGUYEN, QUYNH H

| ART UNIT | PAPER NUMBER |
|----------|--------------|
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2642

DATE MAILED: 01/16/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

## Office Action Summary

**Application No.**

09/609,020

**Applicant(s)**

PERSHAN ET AL.

**Examiner**

Quynh H Nguyen

**Art Unit**

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on Amendment filed 10/24/03.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-6,8,10-14 and 20-22 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-6,8,10-14 and 20-22 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. §§ 119 and 120

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
a) ☐ All b) ☐ Some \* c) ☐ None of:  
1. ☐ Certified copies of the priority documents have been received.  
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.  
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).  
\* See the attached detailed Office action for a list of the certified copies not received.
- 13) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application) since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.  
a) ☐ The translation of the foreign language provisional application has been received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121 since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.

### Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892) 4) ☐ Interview Summary (PTO-413) Paper No(s). \_\_\_\_\_
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948) 5) ☐ Notice of Informal Patent Application (PTO-152)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) \_\_\_\_\_ 6) ☐ Other: \_\_\_\_\_

### DETAILED ACTION

1. The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.

#### ***Claim Rejections - 35 USC § 103***

2. Claims 1-3, 6, 10, 12, and 20-22 are rejected under 35 U.S.C. 103(a) as being unpatentable over Adams et al. (U.S. Patent <sup>6,631,186</sup>~~5,452,349~~).

Regarding claims 1 and 21, Adams et al. teach the steps of: operating a peripheral device (interactive voice response - IVR) coupled to a telephone switch to receive a call from a caller using a first telephone (Fig. 1, 20); the service control point receives a query from the terminating switch that identify the telephone number of the first telephone ("the calling party" - col. 12, lines 20-24) reads on the second limitation "determining using automatic number identification information a first telephone number corresponding to the first telephone"; detecting receipt of a first control signal ("activate a call forwarding" - col. 7, lines 35-36) from a first telephone; the SCP determines from the call forwarding instructions whether the call forwarding service is supported (col. 12, lines 25-26); updating ("created and edited" - Fig. 9) the scheduling options by the subscriber to indicate the call forwarding is active (Fig. 9, box 94 and col. 18, lines 42-47) and forwarding all calls directed to the first telephone to a second telephone using the previously stored call forwarding telephone number (col. 18, lines 47-50). Adams et al. further teach that the SCP 23 stored customizing call forwarding instructions from the

subscriber (col. 19, lines 62-67) and the SCP terminates call processing record when the call is disconnected (col. 35, lines 42-64).

However, Adams et al. do not teach determining if a previously stored call forwarding number is available in a call processing record (CPR).

It would have been obvious to one of ordinary skill in the art at the time of the invention was made that the call forwarding number is stored in the SCP, for example, in the CPR that stored in a SCP, and once the call forwarding number was created and updated, it remains in the CPR until the subscriber deactivates the call forwarding service.

Regarding claim 2, Adams et al. teach if it is determined that a call forwarding is not supported (col. 1, lines 45-49), prompting the caller for a telephone number corresponding to a service to be updated (col. 14, lines 24-34).

Regarding claim 3, Adams et al. teach examining the first signal to determine if the first signal is a control signal used to activate call forwarding or to disable call forwarding ("toggle the service on or off" - col. 14, line 31).

Claims 6 and 12 are rejected for the same as discussed above with respect to claim 1 limitation "updating said call processing record associated with said first telephone to indicate that call forwarding is active", the different is disabling ("deactivate") control signal from the first telephone instead of enabling ("activate").

Claim 10 is rejected for the same as discussed above with respect to claims 1, 2, 4, and 6.

Claim 20 is rejected for the same as discussed above with respect to claim 1. Furthermore, Adams et al. teach a telephone (Fig. 1, 20); a switch (SSP 21, 24) coupled to the telephone; a peripheral device coupled to the switch (IVR 45); a service control point (SCP 23) coupled to the switch and the peripheral device by way of the switch; means for activating a call forwarding service (col. 14, lines 24-39).

Claim 22 is rejected for the same as discussed above with respect to claim 1. Furthermore, Adams et al. teach the call is placed from a telephone having a different telephone number than a telephone number included in the received signal (col. 14, lines 24-27 – “any DTMF telephone”); changing the status of a call forwarding indicator (col. 14, lines 30-31 – “toggle the service on and off”).

3. Claims 4, 5, 8, 11, 13, and 14 are rejected under 35 U.S.C. 103(a) as being unpatentable over Adams et al. (U.S. Patent <sup>6,631,186</sup>~~5,452,349~~) in view of Hallenstal (U.S. Patent 6,125,126).

Regarding claims 4, 5, 8, 11, 13, and 14, Adams et al. teach the call proceeds through the originating SSP 21 to the terminating SSP 24, which launches an AIN Terminating Attempt Trigger (TAT) query to the SCP (col. 20, lines 1-11). However, Adams et al. do not teach sending an update message to a telephone switch to which the first telephone is coupled to set a terminating attempt trigger on a telephone line corresponding to the first telephone.

Hallenstal teaches operating a service control point (“SCP 136”) receives and processes event messages from the (“SSP 134”) and formulates and sends responses to the SSP 134 (col. 8, line 22 through col. 9, line 20).

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It would have been obvious to one of ordinary skill in the art at the time of the invention was made to incorporate the feature of operating a service control point (SCP) to send an update message to a telephone switch to which the first telephone is coupled to set a terminating attempt trigger on a telephone line corresponding to the first telephone, as taught by Hallenstal, in Adams's system in order to have a better system with more advanced and flexibility features of the Advanced Intelligent Network environment.

### ***Response to Arguments***

4. Applicant's arguments with respect to claims 1-6, 8, 10-14, and 20-22 have been considered but are moot in view of the new ground(s) of rejection.

### ***Conclusion***

5. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of

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the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.


6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Quynh H. Nguyen whose telephone number is 703-305-5451. The examiner can normally be reached on Monday - Thursday from 6:30 A.M. to 5:00 P.M.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ahmad Matar, can be reached on (703) 305-4731. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-305-4700.

qhn

Quynh H. Nguyen  
January 8, 2004

  
AHMAD MATAR  
SUPERVISORY PATENT EXAMINER  
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